PDR RID Report

Date Last Modified 5/24/95

Originator Sol Broder

Phone No

RID ID PDR 393
Review SDPS
Originator Ref
Priority 2

Organization

E Mail Address

Document

Section   **Page**   **Figure Table** CG 9, CG 11

Category Name Design-Ingest   **Actionee** Project

Sub Category

Subject   Retention of external media by ingest subsystem

Description of Problem or Suggestion:

How long will ingest subsystem retain "external" (hard) media once data has been retrieved from it? What will ingest subsystem do with media after processing?

Originator's Recommendation

Identify where concept impacts resources (e.g., facilities, staff).

GSFC Response by: Kobler   **GSFC Response Date**   5/18/95

GSFC Concurs with HAIS Reponse

HAIS Response by: Eiesnstein   **HAIS Schedule**   5/22/95

HAIS R. E.   P. Roycraft   **HAIS Response Date**   5/10/95

Certain data will enter the Ingest and Data Server Subsystems via hard media on a regular or ad-hoc basis. Once the data has been read, basic quality checking performed, and written to the appropriate archive (Ingest rolling storage or Data Server archive) the hard media will be released. Barring any special arrangements made with a particular data provider (e.g., a media replacement agreement), the media will be made available for use for distribution of ECS products. This assumes that the media is one of the standard ECS distribution media types (9-track, 4 mm, 8 mm, 3490). Media typically may be reused for several hundred to several thousand cycles before the bit error rate elevates to the point where it must be discarded. For special cases such as the Aster interface (proposed D1 media) an arrangement may be made to periodically ship the used media back to the producer for reuse. The majority of data to be ingested is expected to be received electronically, so the handling of media (reuse or shipment back to the producer) is not expected to have a significant impact on operations personnel assigned to handle hard media distribution of ECS products. The physical transfer mechanism and any other arrangements concerning media replacement or reuse will be worked out in the ICDs with each of the ECS external interfaces.

Status **Closed**   **Date Closed** **5/24/95**   **Sponsor** **Kobler**

******   **Attachment if any**   ******